

COMBINED DECLARATION FOR PATENT APPLICATION
AND
POWER OF ATTORNEY

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below, next to each name.

We believe we are original joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Methods and Apparatus for Thermal Management of Vehicle Systems and Components

the specification of which is attached hereto.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Vincent A. Branton	Registration No. 39,120
George L. Craig	Registration No. 29,293
Joseph A. Marasco	Registration No. 32,798
James M. Spicer	Registration No. 26,096
Shelley L. Stafford	Registration No. 38,623
Kirk A. Wilson	Registration No. 45,939

All of: UT-Battelle, LLC
P. O. Box 2008
Oak Ridge, Tennessee 37831-6498

Please direct all correspondence and telephone calls to Kirk A. Wilson at 865.574.4179.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: John Sheungchun Hsu

Inventor's signature: John S. Hsu

Date: 7/11/2003

Residence:

Oak Ridge, Tennessee

Citizenship:

USA

Post Office Address:

105 Edinboro Lane, #B-20, Oak Ridge, Tennessee 37830

Full name of second inventor: Donald Joe Adams

Inventor's signature: Donald Joe Adams

Date: 7/11/2003

Residence:

Knoxville, Tennessee

Citizenship:

USA

Post Office Address:

~~12813 Peach View Drive~~, Knoxville, Tennessee 37922

146 Confederacy Way
SJA 7/11/2003

Full name of third inventor:

Gui-Jia Su

Inventor's signature: Gui-Jia Su

Date: 7/11/2003

Residence:

Knoxville, Tennessee

Citizenship:

Chinese

Post Office Address:

~~50 Elomre Lane~~, Knoxville, TN 37922

350 GNS 7/11/03

Full name of fourth inventor: Laura D. Marlino

Inventor's signature: Laura D. Marlino

Date: 7/11/2003

Residence:

Oak Ridge, Tennessee

Citizenship:

USA

Post Office Address:

134 Newport Drive, Oak Ridge, Tennessee 37830

Full name of fifth inventor: Curtis W. Ayers

Inventor's signature: Curtis W. Ayers

Date: 7/11/03

Residence: Kingston, Tennessee

Citizenship: USA

Post Office Address: 183 Old Johnston Valley Road, Kingston, Tennessee 37763

Full name of sixth inventor: Chester Coomer

Inventor's signature: Chester L. Coomer

Date: 7/11/03

Residence: Knoxville, Tennessee

Citizenship: USA

Post Office Address: 9212 Hollander Lane, Knoxville, Tennessee 37931